

WHAT IS CLAIMED IS:

- Sub B1
1. A projectile for piercing armor comprising:
 - (a) a cruise propellant for maintaining a cruise velocity of said projectile; and
 - (b) an acceleration rocket motor activated after launch for accelerating said projectile from said cruise velocity to a penetration velocity, in a final stage of flight said projectile.
 2. The projectile of claim 1, wherein said projectile is a shell.
 3. The projectile of claim 1, wherein said projectile is a missile.
 4. The projectile of claim 1, further comprising an armor piercing rod situated within said projectile for piercing armor.
 5. The projectile of claim 4, for further comprising a device coupled to said projectile for penetrating a reactive target having reactive armor.
 6. The projectile according to claim 5, wherein said device includes an advance projectile associated with said projectile, for neutralizing reactive armor of a target.

7. The projectile according to claim 6, wherein said advance projectile is a bullet.

8. The projectile according to claim 7, further comprising an electronic system to alter trajectory of said projectile during flight of said projectile.

9. The projectile according to claim 8, wherein said electronic system further comprising:

(a) a sensor, for detecting a target; and

(b) a guidance system, for controlling trajectory of said projectile.

10. The projectile according to claim 9, wherein said sensor is responsive to a radar signal.

11. The projectile according to claim 10, wherein said sensor is responsive to radiation emission of said target.

12. The projectile according to ~~any claims 1-11~~ and substantially described or illustrated ~~herein~~ in Figures 1-5.

13. A projectile for piercing armor substantially described or illustrated herein in Figures 1-5.

14. A method for piercing armor on a target, the method comprising the steps of:

- Sub P2
- (a) providing a projectile for piercing armor including:
 - (i) a cruise propellant for maintaining a cruise velocity of said projectile; and
 - (ii) an acceleration rocket motor activated after launch for accelerating said projectile from said cruise velocity to a penetration velocity, in a final stage of flight said projectile;
 - (b) launching said projectile at said target;
 - (c) maintaining said projectile at said cruise velocity;
 - (d) increasing said velocity of said projectile to a penetrating velocity; and
 - (e) impacting said target with said projectile at said penetrating velocity.

15. The method of claim 14, further comprising the step of:

- (f) penetrating armor of said target substantially subsequently to step (e).

16. The method of claim 15, further comprising the step of:

- (g) neutralizing reactive armor of said target prior to step (e).

add B3